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Terms	Documents
L2 and bridge	2

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result set

<u>L3</u>	L2 and bridge	2	<u>L3</u>
<u>L2</u>	L1 same multiple same empt\$3	10	<u>L2</u>
<u>L1</u>	synchronous\$2 same asynchronous\$3 same (rate or speed)	6731	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L2 and bridge	0

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L4 L2 and bridge

DB=PGPB,USPT,USOC; PLUR=YES; OP=OR

L3 L2 and bridgeL2 L1 same multiple same empt\$3L1 synchronous\$2 same asynchronous\$3 same (rate or speed)

Hit Count Set Name

result set

0 L42 L310 L26731 L1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
(375/354 370/230 370/232 370/235 370/401 370/402 709/253 710/306 710/310 710/311 710/52 710/53 710/100 710/33 710/307 340/2.1 712/29 713/322 713/501 713/600).ccls.	15900

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L1 710/306,310,311,52,53,100,33,307;713/322,501,600;712/29;709/253;375/354;370/230,232,235,401,402;340/2.1

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and L4	43

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L5

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Name Query

side by
side

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L5 L1 and L4








L4 L3 and empt\$3

L3 L2 and bridge

L2 synchronous\$2 same asynchronous\$2 same (rate or speed)

L1 710/306,310,311,52,53,100,33,307;713/322,501,600;712/29;709/253;375/354;370/230,232,235,401,402;340/2.1

END OF SEARCH HISTORY

-  **7. Register-communication between mutually asynchronous domains**
Kessels, J.;
Asynchronous Circuits and Systems, 2005. ASYNC 2005. Proceedings. 11th IEEE International Symposium on
14-16 March 2005 Page(s):66 - 75
Digital Object Identifier 10.1109/ASYNC.2005.27
[AbstractPlus](#) | Full Text: [PDF](#)(160 KB) [IEEE CNF](#)
-  **8. Atomic broadcast in asynchronous crash-recovery distributed systems and its use in quorum-based replication**
Rodrigues, L.; Raynal, M.;
Knowledge and Data Engineering, IEEE Transactions on
Volume 15, Issue 5, Sept.-Oct. 2003 Page(s):1206 - 1217
Digital Object Identifier 10.1109/TKDE.2003.1232273
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1842 KB) [IEEE JNL](#)
-  **9. A bridged diagnostic method for the monitoring of polymorphic discrete-event systems**
Lamperti, G.; Zanella, M.;
Systems, Man and Cybernetics, Part B, IEEE Transactions on
Volume 34, Issue 5, Oct. 2004 Page(s):2222 - 2244
Digital Object Identifier 10.1109/TSMCB.2004.835008
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(1480 KB) [IEEE JNL](#)
-  **10. Design of synchronisers: a review**
Morin, L.; Li, H.F.;
Computers and Digital Techniques, IEE Proceedings-
Volume 136, Issue 6, Nov 1989 Page(s):557 - 564
[AbstractPlus](#) | Full Text: [PDF](#)(700 KB) [IEEE JNL](#)
-  **11. Handover mechanisms in ATM-based mobile systems**
Karagiannis, G.; de Lignie, M.C.; de Bie, J.; Niemegeers, I.G.M.M.;
Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration. IEEE
Volume 5, 8-12 Nov. 1998 Page(s):2572 - 2579 vol.5
Digital Object Identifier 10.1109/GLOCOM.1998.776454
[AbstractPlus](#) | Full Text: [PDF](#)(492 KB) [IEEE CNF](#)
-  **12. Performance analysis of new Banyan networks with input queueing for ATM switching**
Tien-Yu Huang;
Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration. IEEE
Volume 1, 8-12 Nov. 1998 Page(s):387 - 392 vol.1
Digital Object Identifier 10.1109/GLOCOM.1998.775761
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Isochronous Ethernet-an ATM bridge for multimedia networking

Wosley, D.J. Ogunfunmi, T.
Nat. Semicond. Corp., Santa Clara, CA, USA.

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Abstract

A bridge between ISLAN16-T and ATM networks, where all multimedia networking technical requirements can be addressed, lets multimedia applications run between users residing across local area and wide area connections. We discuss a bridging method for transmitting integrated audio, video, and data for multimedia applications spanning ISLAN16-T in the local area network and ATM in the wide area network

Index Terms

Inspec

Controlled Indexing

asynchronous transfer mode local area networks multimedia communication

Non-controlled Indexing

ISLAN16-T isochronous Ethernet local area area connections multimedia applications multimedia networking wide area connections

Author Keywords

Not Available

References

- 1 *Multimedia Communications Quality of Service Part I (Framework) and Part II (Multimedia Desktop Collaboration Requirements)*, working draft, MMCF Document (Document ARCH/QOS/94-001, Rev. 2.0), Geneva, March4, 1995.
- 2 *ITU Draft Recommendation H.322, Visual Telephone Systems and Equipment for Local Area Networks Which Provide a Guaranteed Quality of Service*, Int'l Telecommunications Union Study Group 15, Geneva, Jan.30, 1996.
- 3 *ITU Draft Recommendation H.323, Visual Telephone Systems and Equipment for Local Area Networks Which Provide a*

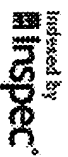
Nonguaranteed Quality of Service, Int'l Telecommunications Union Study Group 15, Geneva, Jan. 30, 1996.

- 4 J.E. Abate et al., "AT&T's New Approach to The Synchronization of Telecommunications Networks," *IEEE Comm.*, Apr. 1989, pp. 35-45.
[Abstract] [PDF Full-Text (1252KB)]
- 5 C.K. Kim, S.H. Lee and L.T. Wu, "Circuit Emulation," *Int. J. Digit. Analog Cabled Syst.*, Oct./Dec. 1988, pp. 245-246.
[Buy Via AskIEEE]
- 6 ITU-T, "CCITT Recommendation Q.507," <http://www.itu.ch/publications/>.
- 7 ITU-T, "CCITT G.114 Standard," <http://www.itu.ch/publications/>.
- 8 *IEEE Std. 802.9a, Integrated Services (ISLAN-6-T) LAN: Isochronous services with Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Media Access Controller (MAC)*, IEEE Press, Piscataway, N.J., 1995.
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IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

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- ☐ **1. Isochronous Ethernet-an ATM bridge for multimedia networking**
 Worsley, D.J.; Ogunfunmi, T.;
 Multimedia, IEEE
 Volume 4, Issue 1, Jan.-March 1997 Page(s):58 - 67
 Digital Object Identifier 10.1109/93.580396
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(120 KB) [IEEE JNL](#)
- ☐ **2. The VuNet desk area network: architecture, implementation, and experience**
 Houh, H.H.; Adam, J.F.; Ismert, M.; Lindblad, C.J.; Tennenhouse, D.L.;
 Selected Areas in Communications, IEEE Journal on
 Volume 13, Issue 4, May 1995 Page(s):710 - 721
 Digital Object Identifier 10.1109/49.382161
[AbstractPlus](#) | Full Text: [PDF](#)(1112 KB) [IEEE JNL](#)
- ☐ **3. A region-based theory for state assignment in speed-independent circuits**
 Cortadella, J.; Kishinevsky, M.; Kondratyev, A.; Lavagno, L.; Yakovlev, A.;
 Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
 Volume 16, Issue 8, Aug. 1997 Page(s):793 - 812
 Digital Object Identifier 10.1109/43.644602
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(736 KB) [IEEE JNL](#)
- ☐ **4. Asynchronous interconnect for synchronous SoC design**
 Lines, A.;
 Micro, IEEE
 Volume 24, Issue 1, Jan.-Feb. 2004 Page(s):32 - 41
 Digital Object Identifier 10.1109/MM.2004.1268991
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(420 KB) [IEEE JNL](#)
- ☐ **5. Modular design of a large multicast ATM switch**
 Sharma, N.K.; Ho, J.D.;
 Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration. IEEE
 Volume 4, 8-12 Nov. 1998 Page(s):2375 - 2380 vol.4
 Digital Object Identifier 10.1109/GLOCOM.1998.775953
[AbstractPlus](#) | Full Text: [PDF](#)(416 KB) [IEEE CNF](#)
- ☐ **6. An ATM scheduler supporting all adaptation alternatives for real-time services**
 Le Pocher, H.; Leung, V.C.M.; Gillies, D.;
 Global Telecommunications Conference, 1998. GLOBECOM 98. The Bridge to Global Integration. IEEE
 Volume 1, 8-12 Nov. 1998 Page(s):433 - 438 vol.1
 Digital Object Identifier 10.1109/GLOCOM.1998.775768
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